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## anti-KLHL12 antibody (AA 1-220) (FITC)



#### Overview

Quantity:	100 μg
Target:	KLHL12
Binding Specificity:	AA 1-220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KLHL12 antibody is conjugated to FITC
Application:	Please inquire

#### **Product Details**

Immunogen:	Recombinant Human Kelch-like protein 12 protein (1-220AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	KLHL12
Alternative Name:	KLHL12 (KLHL12 Products)
Background:	Background: Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin ligase complex
	that acts as a negative regulator of Wnt signaling pathway and ER-Golgi transport. The

BCR(KLHL12) complex is involved in ER-Golgi transport by regulating the size of COPII coats, thereby playing a key role in collagen export, which is required for embryonic stem (ES) cells division: BCR(KLHL12) acts by mediating monoubiquitination of SEC31 (SEC31A or SEC31B). As part of the BCR(KLHL12) complex, also acts as a negative regulator of the Wnt signaling pathway by mediating ubiquitination and subsequent proteolysis of DVL3. The BCR(KLHL12) complex also mediates polyubiquitination of DRD4, without leading to degradation of DRD4. Aliases: C3IP1 antibody, CUL3 interacting protein 1 antibody, CUL3-interacting protein 1 antibody, DKIR antibody, DKIR homolog antibody, FLJ27152 antibody, hDKIR antibody, Kelch like 12 (Drosophila) antibody, Kelch like 12 antibody, Kelch like 12 variant antibody, Kelch like protein 12 antibody, Kelch like protein 12 antibody, Kelch like protein 12 antibody, KLH12\_HUMAN antibody, KLHL 12 antibody, klhl12 antibody, OTTHUMP000000038799 antibody

UniProt:

Q53G59

#### **Application Details**

Restrictions:

For Research Use only

#### Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.